

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM062117\  
Quantitation Report (Qedit)

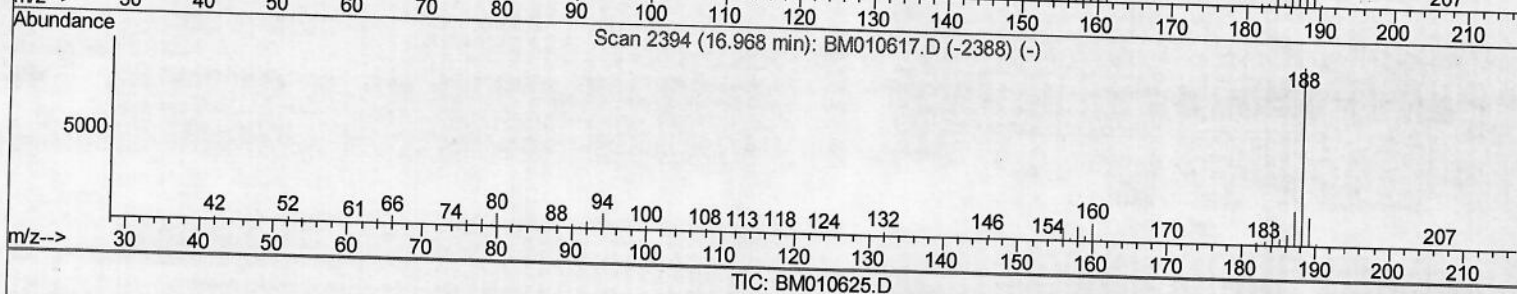
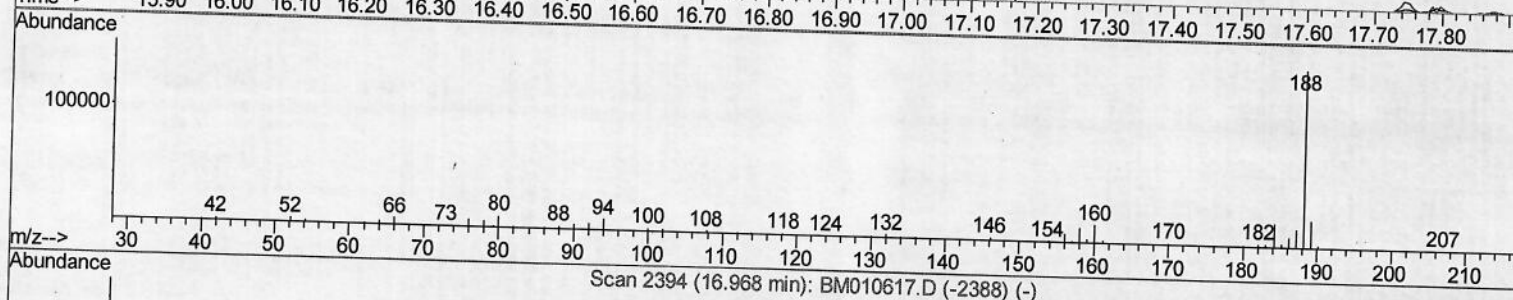
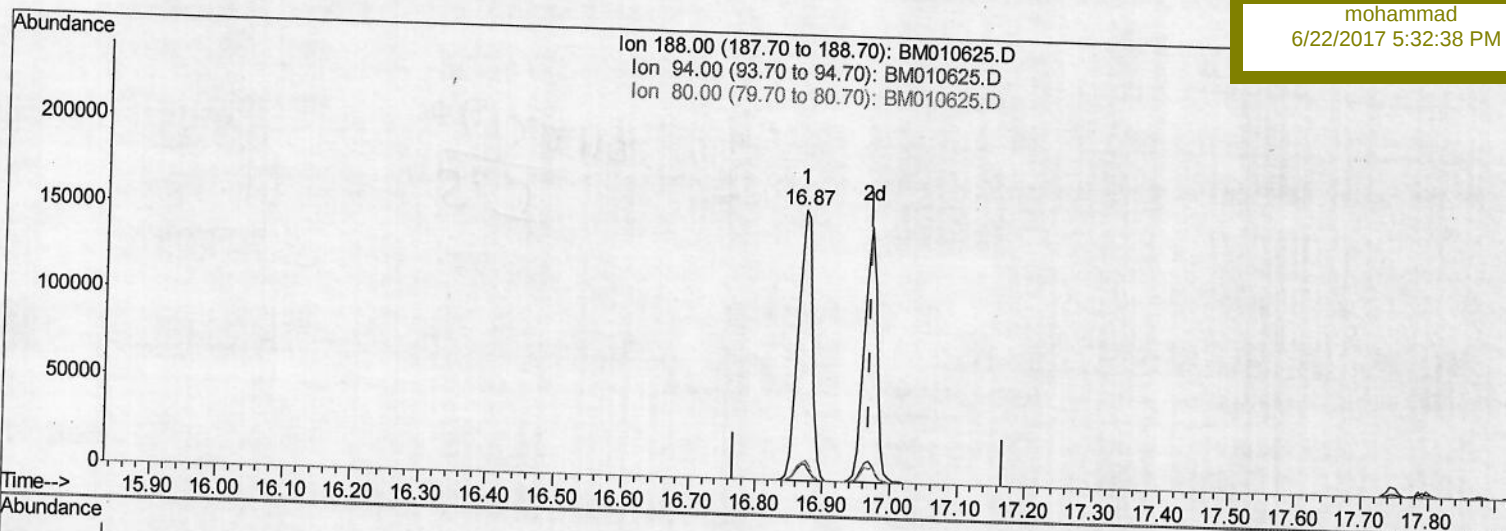
Data File : BM010625.D  
Acq On : 21 Jun 2017 16:27  
Operator : SJ/JU  
Sample : I3653-09  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 22 00:45:07 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM062017.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 22 00:43:46 2017  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
F5C52

Manual Integrations  
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(70) Anthracene-d10 (S)

16.868min (-0.100) 20.71ng/ul

response 222657

| Ion    | Exp% | Act% |
|--------|------|------|
| 188.00 | 100  | 100  |
| 94.00  | 5.70 | 6.15 |
| 80.00  | 5.90 | 6.41 |
| 0.00   | 0.00 | 0.00 |

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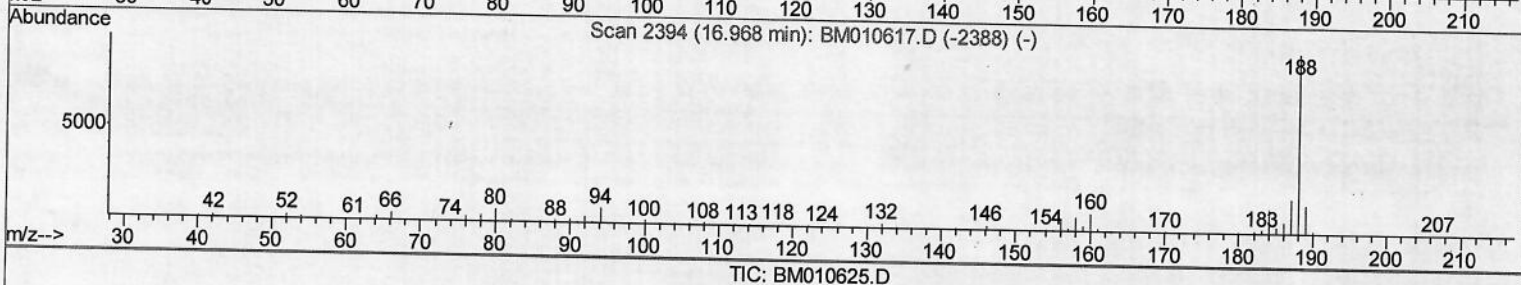
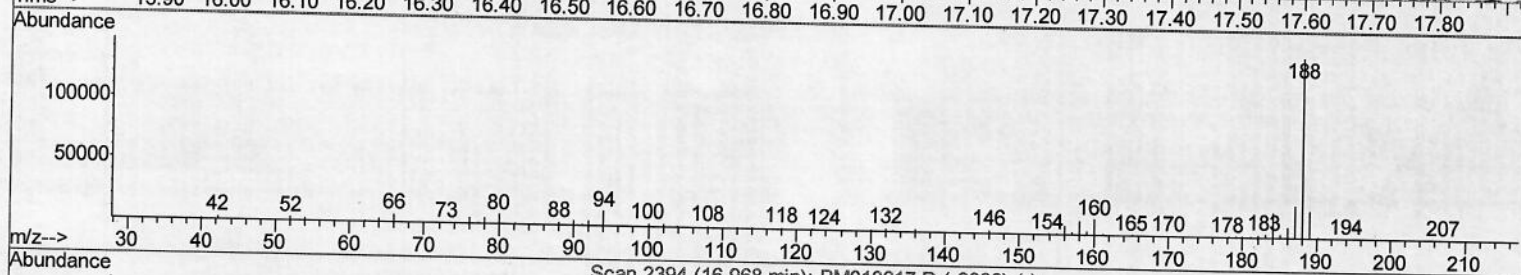
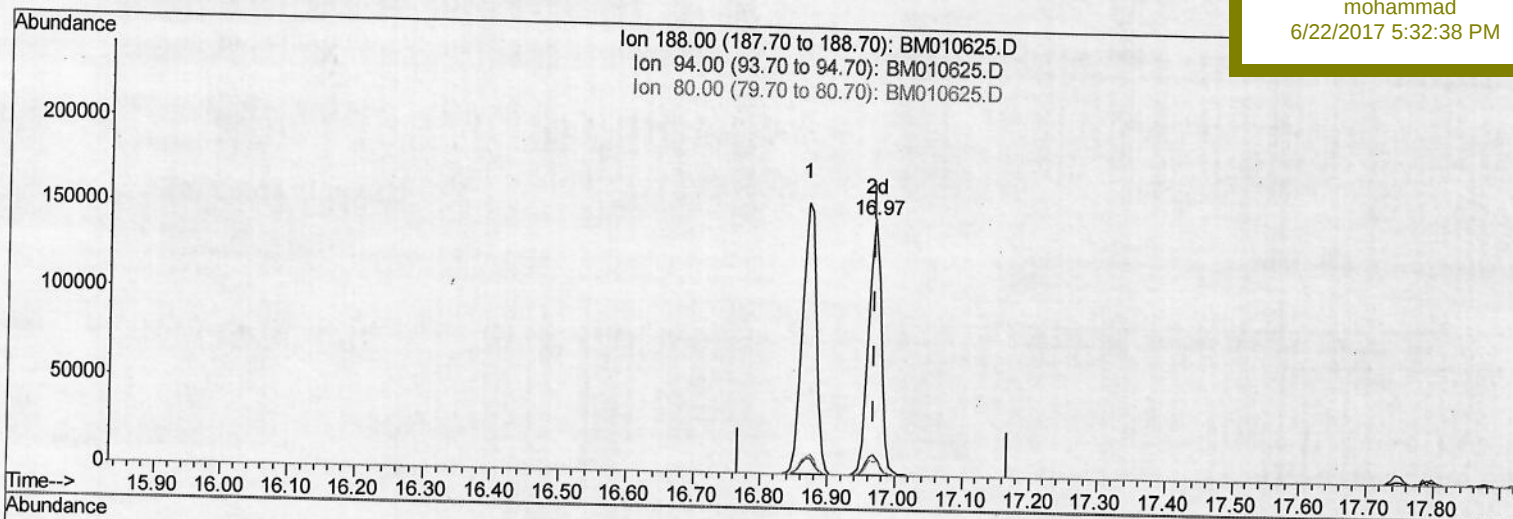
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Manual Integrations

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(70) Anthracene-d10 (S)

16.968min (+0.000) 17.84ng/ul m

response 191829

Ion Exp% Act%

188.00 100 100

94.00 5.70 8.32#

80.00 5.90 5.47

0.00 0.00 0.00

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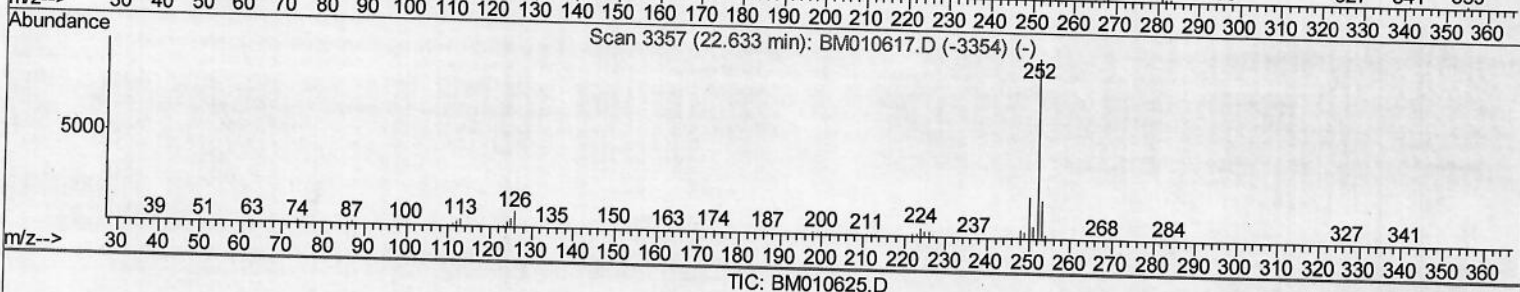
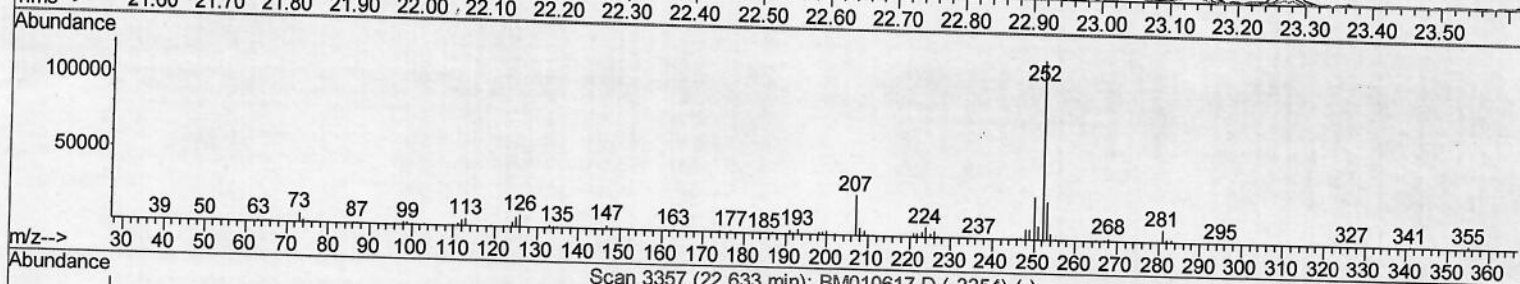
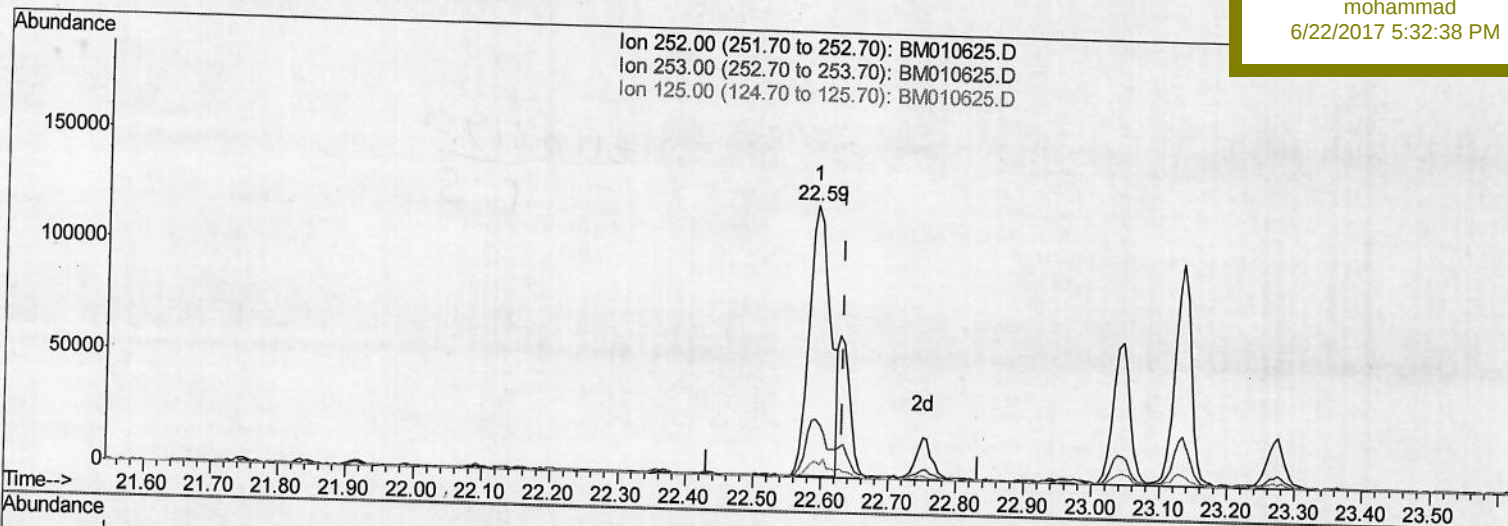
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(86) Benzo(k)fluoranthene

22.591min (-0.041) 11.90ng/ul

response 262340

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.40 | 21.37 |
| 125.00 | 4.30  | 5.95# |
| 0.00   | 0.00  | 0.00  |

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Misc :

ALS Vial : 10 Sample Multiplier: 1

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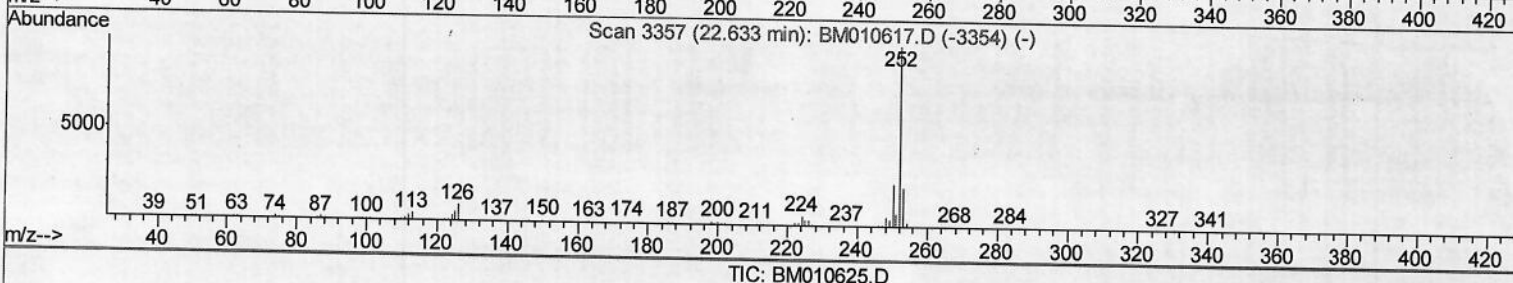
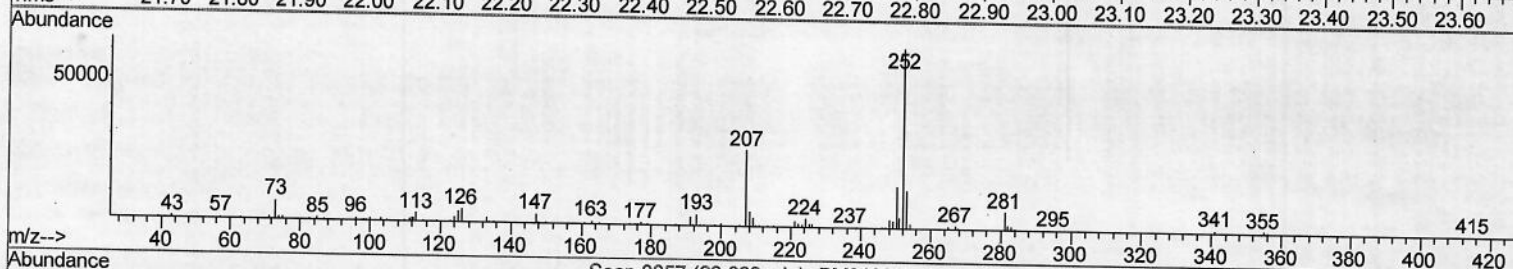
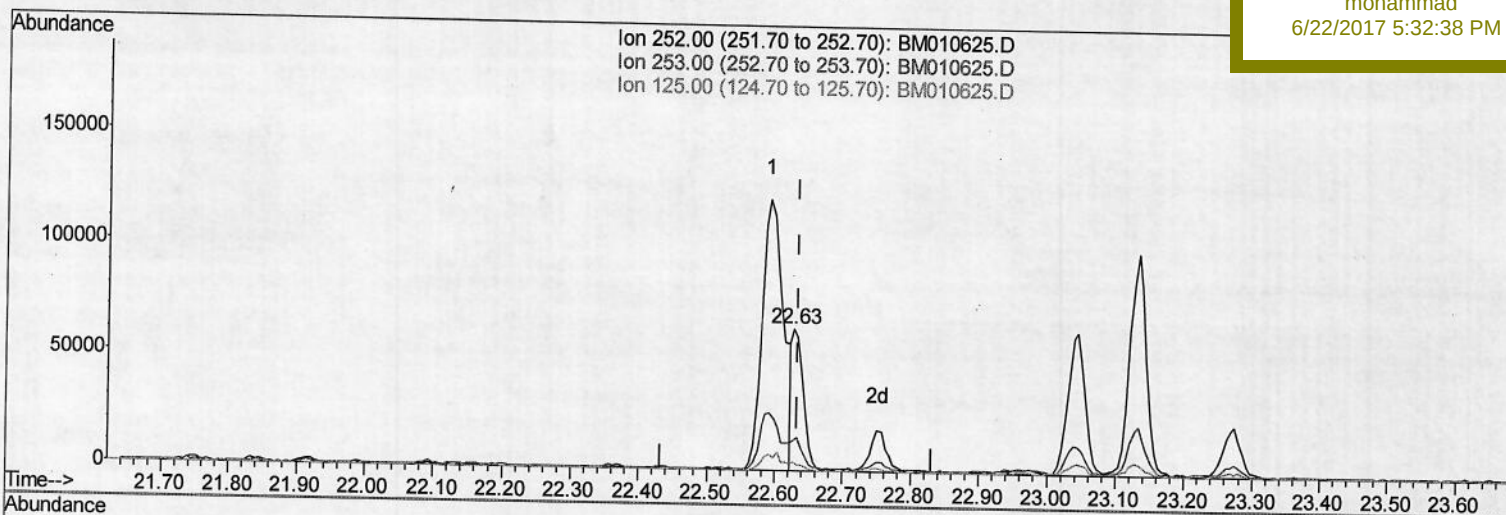
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Manual Integrations

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(86) Benzo(k)fluoranthene

22.627min (-0.006) 3.43ng/ul m

response 75743

Ion Exp% Act%

252.00 100 100

253.00 21.40 21.46

125.00 4.30 6.46#

0.00 0.00 0.00

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Misc :

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Quant Time: Jun 22 01:12:15 2017

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Quant Title : SVOA CALIBRATION

QLast Update : Thu Jun 22 00:43:46 2017

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Manual Integrations

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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.47  | 152  | 28400    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.23 | 136  | 123070   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.12 | 164  | 84735    | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.87 | 188  | 222657   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.09 | 240  | 340262   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.23 | 264  | 358374   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.08  | 96  | 1323    | 2.67  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.65  | 99  | 33579   | 12.41 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.81  | 67  | 21426   | 13.87 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.00  | 132 | 28068   | 14.79 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.17  | 113 | 28240   | 12.59 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.61  | 128 | 13588   | 15.48 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.32  | 143 | 14718   | 14.55 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.85  | 165 | 31284   | 14.69 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.37 | 131 | 16097   | 7.17  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.54 | 166 | 128584  | 17.29 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.80 | 160 | 137049  | 15.84 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.32 | 143 | 17341   | 13.25 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.12 | 176 | 107980  | 16.79 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.24 | 200 | 19051   | 13.93 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 16.97 | 188 | 191829m | 17.84 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.28 | 212 | 260073  | 16.45 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.09 | 264 | 316209  | 18.26 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |       | Qvalue    |
|----------------------------|-------|-----|---------|-------|-----------|
| 28) Naphthalene            | 10.27 | 128 | 234581  | 38.30 | ng/ul 98  |
| 34) 2-Methylnaphthalene    | 11.90 | 142 | 75611   | 15.36 | ng/ul 96  |
| 40) 1,1'-Biphenyl          | 12.94 | 154 | 35206   | 5.31  | ng/ul 98  |
| 44) Dimethylphthalate      | 13.58 | 163 | 32337   | 4.43  | ng/ul# 97 |
| 47) Acenaphthylene         | 13.83 | 152 | 11916   | 1.45  | ng/ul# 89 |
| 49) Acenaphthene           | 14.18 | 153 | 156369  | 28.13 | ng/ul 97  |
| 53) Dibenzofuran           | 14.52 | 168 | 193596  | 23.00 | ng/ul 95  |
| 58) Fluorene               | 15.17 | 166 | 164028  | 23.27 | ng/ul 94  |
| 69) Phenanthrene           | 16.92 | 178 | 1146454 | 96.85 | ng/ul 98  |
| 71) Anthracene             | 17.00 | 178 | 171442  | 14.06 | ng/ul 96  |
| 72) Carbazole              | 17.27 | 167 | 41506   | 3.90  | ng/ul 96  |
| 74) Fluoranthene           | 18.94 | 202 | 932339  | 61.12 | ng/ul 98  |
| 77) Pyrene                 | 19.31 | 202 | 657848  | 33.47 | ng/ul# 97 |
| 80) Benzo(a)anthracene     | 21.07 | 228 | 294370  | 14.86 | ng/ul 99  |
| 82) Chrysene               | 21.12 | 228 | 230716  | 13.06 | ng/ul 99  |
| 85) Benzo(b)fluoranthene   | 22.59 | 252 | 262340  | 11.28 | ng/ul# 97 |
| 86) Benzo(k)fluoranthene   | 22.63 | 252 | 75743m  | 3.43  | ng/ul 97  |
| 88) Benzo(a)pyrene         | 23.13 | 252 | 164345  | 7.67  | ng/ul 99  |
| 89) Indeno(1,2,3-cd)pyrene | 25.33 | 276 | 80525   | 3.63  | ng/ul# 90 |
| 90) Dibenzo(a,h)anthracene | 25.34 | 278 | 23155   | 1.25  | ng/ul 94  |
| 91) Benzo(g,h,i)perylene   | 25.98 | 276 | 57222   | 3.24  | ng/ul# 95 |

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| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev (Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|-----------|
| -----                                                                      |      |      |          |      |       |           |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |           |

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